

PROJECT DESCRIPTION

I GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM TRAFFIC CONTROL AT THE INTERSECTION OF MD 150 AND KINGSTON ROAD IN BALTIMORE COUNTY. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULLY ACTUATED MODE. WITH THE MD 150 APPROACHES OPERATING CONCURRENTLY. AN EXCLUSIVE PERMISSIVE PHASE IS PROVIDED FOR THE EASTBOUND AND WESTBOUND APPROACHES OF MD 150. THE NORTHBOUND AND SOUTHBOUND APPROACHES OF KINGSTON ROAD/OLD EASTERN AVENUE OPERATE CONCURRENTLY. PEDESTRIAN SIGNALS ARE PRESENT ON EASTERN BOULEVARD WEST OF THE INTERSECTION AND ON OLD EASTERN AVENUE IN THE NORTHWEST QUADRANT OF THE INTERSECTION. OPTICOM PRE-EMPTION WILL BE PROVIDED FOR THE WESTBOUND APPROACH OF MD 150.

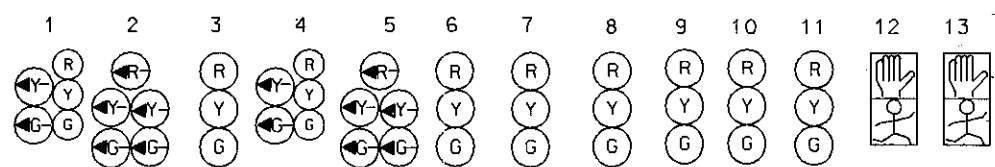
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION
ITEM NO. CAT. CODE NO. QUANTITY DESCRIPTION

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR
ITEM NO. CAT. CODE NO. QUANTITY DESCRIPTION
1001 100000 1 EA MAINTENANCE OF TRAFFIC
8016 800000 1 EA FURNISH AND INSTALL DISCRIMINATOR MODULE-4 CHANNEL
8018 800000 1 EA FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8056 800000 415 LF FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE

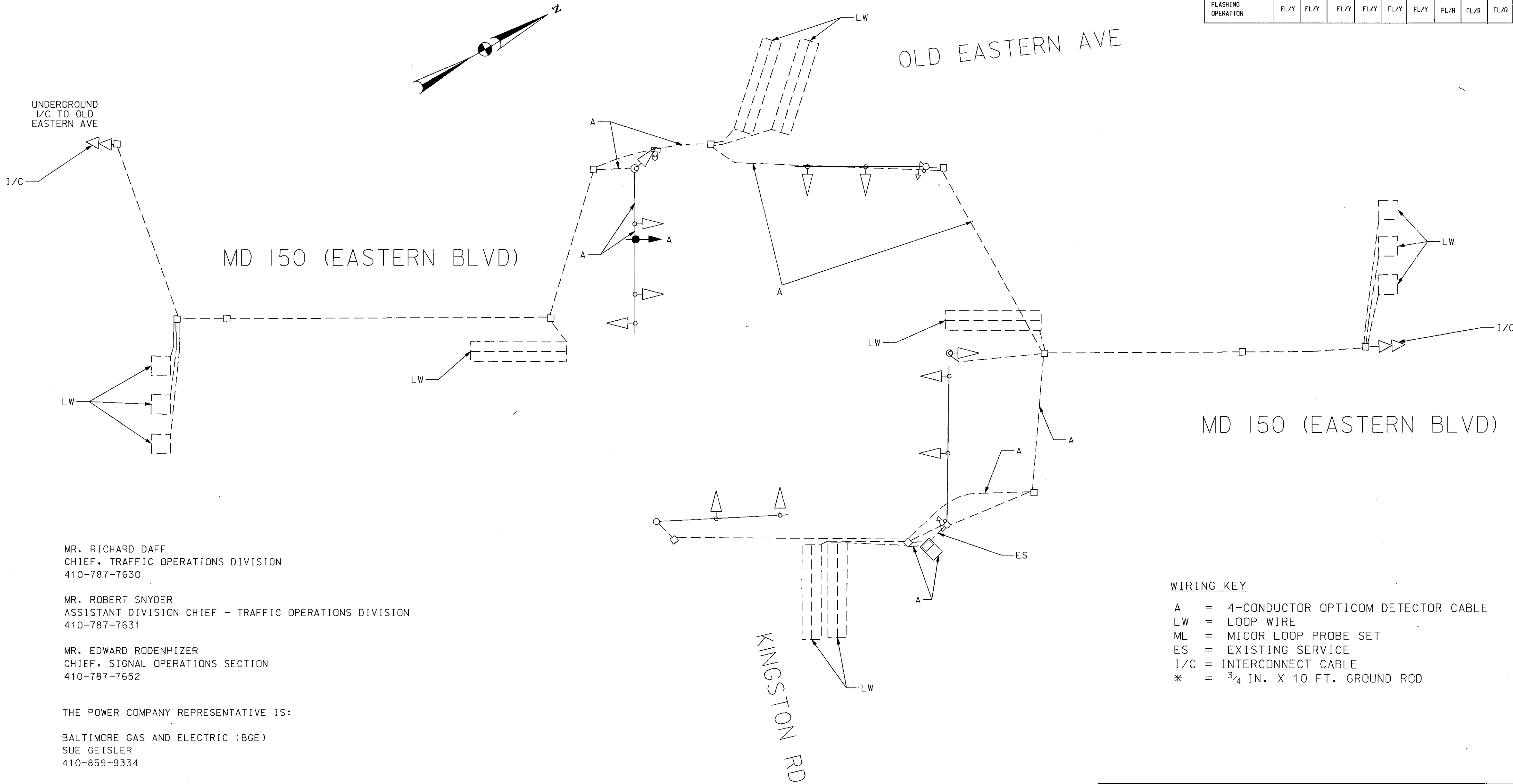
C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PHASE CHART



PHASE 1 & 5	2	3	4	5	6	7	8	9	10	11	12	13
1 CHANGE	CHANGE TO PHASE 1 & 6 OR PHASE 2 & 5											
PHASE 1 & 6												
1 CHANGE												
PHASE 2 & 5												
5 CHANGE												
PHASE 2 & 6												
2 & 6 CHANGE												
PHASE 4 & 8												
4 & 8 CHANGE												
ALT PHASE 4 & 8												
PED CLEARANCE												
ALT 4 & 8 CHANGE												
FIRE HOUSE												
PRE-EMPTION												
FLASHING OPERATION												

WIRING DIAGRAM



WIRING KEY
A = 4-CONDUCTOR OPTICOM DETECTOR CABLE
LW = LOOP WIRE
ML = MICOR LOOP PROBE SET
ES = EXISTING SERVICE
I/C = INTERCONNECT CABLE
* = 3/4 IN. X 10 FT. GROUND ROD

PROJECT CONTACTS

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
410-321-2781

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
410-321-2761

MRS. SUENETTE POPE
ASSISTANT DISTRICT ENGINEER - UTILITY
410-321-2841

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF - TRAFFIC OPERATIONS DIVISION
410-787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
410-787-7652

THE POWER COMPANY REPRESENTATIVE IS:

BALTIMORE GAS AND ELECTRIC (BGE)
SUE GEISLER
410-859-9334



CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET
MD 150 (EASTERN BOULEVARD) AND KINGSTON ROAD
BALTIMORE, MARYLAND

DESIGNED BY: COD	F.A.P. NO.	TS NO.	SHEET NO. 8 OF 14
CHECKED BY: TMH	S.H.A. NO.	1880C	
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO.	
DATE: 7/2003	LOG MILE: 03015005.65	F487	